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# FOLIO

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## Botanic Garden the Place to be on 26 May

A new and lengthy chapter in the University's annals of ceremony will be written 26 May at the Devonian Botanic Garden. It should be one of those stories that writes itself, what with the sylvan setting, the brace of events—the dedication of the Kurimoto Japanese Garden, complete with tree planting ceremony, and the observance of the 25th anniversary of the Botanic Garden—and the who's who guest list.

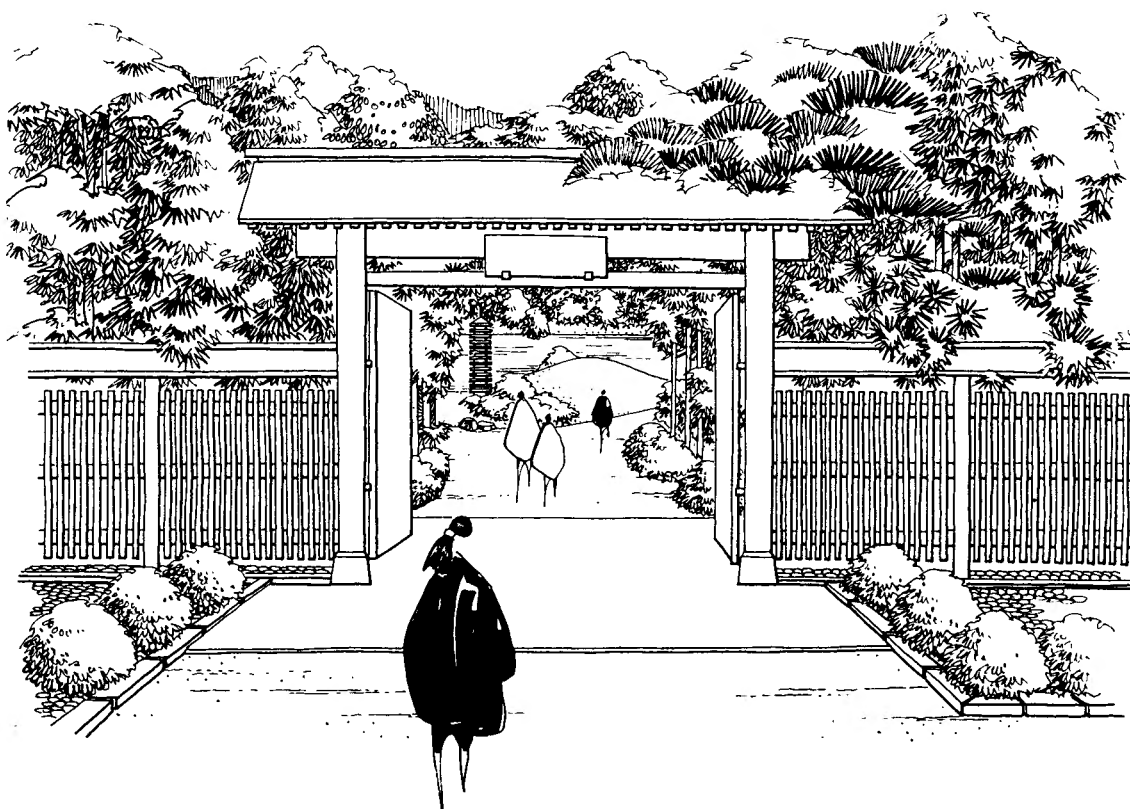
The Kurimoto Japanese Garden is in memory of Dr. Yuichi Kurimoto, founder of Nagoya University of Commerce and Business Administration. Dr. Kurimoto was the first Japanese national to graduate from our University—he was awarded a BA in 1930.

L.C. Leitch, Vice-President (Finance and Administration) spoke at the 1981 memorial service for Dr. Kurimoto in Nagoya and referred to his abiding interest in the University of Alberta. Occasions such as the 40th and 50th anniversaries of his graduation drew Dr. Kurimoto back. He presented books to the Library four different times and in 1980 gifted the University with two stone lanterns which will enhance the Kurimoto Garden.

The University awarded Dr. Kurimoto an honorary Doctor of Laws degree in 1964. He was awarded the Order of the Rising Sun, Third Class, by the Emperor of Japan in 1975.

His son Hiroshi, President of Nagoya University of Commerce and Business Administration, is carrying on the good name rather well. Last year, Mrs. Kurimoto was awarded the Order of the Sacred Treasure, Fifth Class, for services to education.

Tours of the Devonian Botanic Garden will be conducted from 1 to 1:50 p.m., at which time the platform



*The architect's drawing of the main entrance to the Japanese (now Kurimoto) Garden, incorporating a large traditional Japanese gateway.*

party will be piped in. Following the playing of "O' Canada" and "Sakura Sakura" (a traditional Japanese folksong) by students of the Talent Education Society of Edmonton and the Invocation by the Rev. William Roberts, P.N.D. Seymour, Director of the Devonian Botanic Garden, will extend a welcome. Chancellor Peter Savaryn will then convey Senate greetings and introduce Pat Butler, President of the Garden. His address will be followed by greetings from provincial, civic, and municipal repre-

sentatives.

A picture of the late Dr. Kurimoto will be unveiled by Mrs. Shizu Kurimoto, assisted by Mr. S. Tomihari, Consul-General of Japan. Mrs. Kurimoto will also present a cash gift to the University.

A sod turning and tree (bonsai) planting ceremony will be undertaken by W.H. Johns, President Horowitz, and President Kurimoto. The latter will then deliver the dedication address and, with the assistance of Lieutenant-Governor Frank Lynch-

Staunton, unveil a plaque.

Following the response by Board of Governors Chairman John Schlosser, musical selections, and closing remarks by President Horowitz, a reception will be held.

The five-acre Kurimoto Japanese Garden was designed by Tadashi Kubo of the School of Landscape Architecture, University of Osaka Prefecture. It has been described as "a sensitive statement of traditional and modern design principles applied to enhance the natural beauty of relief

and mature vegetation of a carefully selected site."

The Botanic Garden itself was founded in 1959 on 80 acres of land donated by alumnus H.A. Dyde. The work ethic was well served because the Garden contained sand dunes, peat sloughs, two oil wells, and exposed pipelines.

Flooding in 1975 caused a major setback but the Friends of the Devonian Botanic Garden were indefatigable in their fund raising efforts. A \$572,405 grant from the Devonian Foundation was matched by Advanced Education and resulted in the acquisition of another 110 acres of land, reconstruction of the flood damaged areas, and the building of a Headquarters Building and various greenhouses.

The Garden, which has been developed on naturalistic lines, includes an alpine garden, an herb garden, and a native peoples' garden, and is essentially a facility for the study and appreciation of plants. Its first aim is "to establish a collection of cultivated plants hardy in the Edmonton region and to establish a collection of indigenous plants of Alberta, both for University teaching, research, and public education."

The Friends of the Botanic Garden are amiable people who encourage public interest in and support of numerous projects. There is absolutely no truth to the rumor that they will deliver an ultimatum to the weatherman on 25 May. □

## FOLIO

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## FSIDA Grants and Other Developments

The Fund for Support of International Development Activities recently awarded grants for projects in Bolivia, the Caribbean, and Thailand. All funding was supplemented by 50 percent matching grants by the Alberta Agency for International Development.

Wayne Anderson, Agricultural Engineering, received funding for a mini-hydro study in Bolivia. The project involves the study of design parameters of small generators currently used in the country.

The Faculty of Pharmacy and Pharmaceutical Sciences received a boost for its initiatives in the Caribbean. The Faculty is providing instructional material for pharmacy schools in Jamaica, a country which is in the process of upgrading its pharmacy programs. However, due to insufficient funds and lack of qualified instructors, the country is in need of assistance from established Pharmacy schools.

Tom Wegmann, Immunology, will use a grant to aid research and development in Thailand. The country is beset by a number of tropical diseases; through the efforts of Dr. Wegmann, researchers from Thailand will come here to study recent developments in immunology and staff from the University will travel to Thailand to share their knowledge.

### Note of Thanks Received

A complimentary missive has reached R.E. Peter, Acting Chairman of Zoology. Mr. and Mrs. A. Hendry and Mr. and Mrs. A. MacTavish of Winterburn are the parents of two Grade 8 boys who won first place in their school's Science Fair and, subsequently, first place and the Trustee's Award in the county-wide competition. To get their project (the assembly of a completely disarticulated wolverine skeleton) off on the, uh, right foot, the students sought the advice of Wayne Roberts, Department of Zoology. "He (Roberts) was always ready to discuss their problems with them," the parents wrote. "He took his time to explain basic and specific principles. He showed them examples of finished and incomplete work and was an incredibly invaluable resource."

"We are writing to you because we

believe that this community service, provided by Mr. Roberts, the Zoology Department, and, thus, the University of Alberta, was exemplary of the community service-resource role of the University.

"Mr. Roberts and the Department of Zoology are to be highly congratulated. If all staff at the University responded to the public as Mr. Roberts did in this case, there would never be any question about public support for the University of Alberta."

## McCalla Professor to Focus on Women in Sport

Two projects examining different aspects of women in sports will claim the attention of Ann Hall, Professor of Physical Education and Sport Studies, during her forthcoming McCalla Professorship. Freed from teaching and administrative duties during the 1984-85 academic year, Dr. Hall will concentrate on the development of (1) "Women in Sport: Career Patterns and Contingencies" and (2) "Leisure and the Social Construction of Femininity and Masculinity."

Canadian women, though visible as volunteers and professionals in amateur sport, are vastly under-represented, submits Dr. Hall. On national sports governing bodies and in provincial sports associations, women are still noticeable by their absence. Further, she reports that women are "virtually absent from positions of higher responsibility, and thus of power, in the decision-making processes of sport."

Why is it that women athletes, amateur or professional, appear to have little or no opportunity for a post-competitive career in the sportsworld? Why are they excluded from positions of responsibility and power? Such are the main questions that Dr. Hall will explore in "Women in Sport: Career Patterns and Contingencies."

The second project to which Dr. Hall will apply herself, "Leisure and the Social Construction of Femininity and Masculinity," will examine the role of leisure in the reproduction of

gender ideology. Through an extension of some previous work on female

adolescents and a similar study with males on the social construction of gender through leisure, Dr. Hall will systematically explore what it means to be female or male in our culture and how these particular meanings are constructed and negotiated in a given social formation. "Leisure provides an important site for the construction of ideological processes, including that of gender," she suggests.

Dr. Hall is well-known as both a research scholar and a teacher. According to A.E. Wall, Chairman of Physical Education and Sport Studies, her work with women in sport is internationally recognized. "I believe that Dr. Hall is at the cutting edge of research on women and men in sport. I know that she will do an excellent job in these two research projects and that her results will provide valuable information for our field," he stated in support of her McCalla application.

A graduate of this University (MA 1968) and the University of Birmingham (PhD 1974), Dr. Hall joined the faculty of this University in 1968 and has since taught a wide range of undergraduate and graduate level courses. Queen's Quest Visiting Scholar at Queen's University during the 1983 fall term, she has just completed a four-month stint as Visiting Professor in Sociology at the Ontario Institute for Studies in Education. □

## Restoration of Earth Sciences Building to Proceed

Bussing to Kinsella may not be set to music like, say, "Marching to Pretoria" but it was an informative excursion for the University's Board of Governors. Kinsella Ranch, the Faculty of Agriculture and Forestry's research (livestock genetics) facility located 85 miles southeast of campus, was the site of the 11 May Board meeting.

The Board's Finance Committee requested and received approval for the 1984-85 parking fee schedule. The approved rates are the same as those for the 1983-84 academic year. Reserved stall permits will be \$25 per month (with plug-in) and \$22 per month (without plug-in). Reserved zone permits will be held to a monthly rate of \$22 (with plug-in) and \$19 (without).

The Board also approved the Finance Committee recommendation that Students' Union fees be increased by \$4 per full-time undergraduate student. Governors were informed that the increase reflects the inclusion in Students' Union fees of the Canadian Federation of Students fee. It was made clear that the increase would not come into effect until such time as the Students' Union takes the "required constitutional steps to incorporate the CFS fee into its Constitution."

### Capital Grant Announced

The highlight of the Board Building Committee report was an information item concerning the capital budget. Governors received copies of a letter from the Hon. Dick Johnston, Minister of Advanced Education, in which he outlined the allocation of a \$35.2 million capital grant. The grant provides for three specific funding categories: formula grants (\$21.85 million); construction projects (\$9.45 million); and special projects (\$3.9 million). Formula grants include furnishings and equipment replacement, renovations, and site and utility maintenance. Construction projects refer to the new Faculty of Business Building and the restoration of the Earth Sciences Building. The \$5 million earmarked for the latter is the 1984-85 commitment. According

to Mr. Johnston's letter, the total grant for the Earth Sciences project is not to exceed \$11.2 million.

The third Board committee to report, the Educational Affairs Committee, received Board approval for a Faculty of Science proposal for the establishment of a quota of 110 second-year students in Computing Science programs beginning September 1984. Details of the proposal were included in last week's *Folio* report of General Faculties Council.

Governors learned of the

appointment of two Department Chairmen and the reappointment of a third. Keith Denford, named Chairman of Botany, will begin a three-year term on 1 July. A graduate of the University of London (BSc 1967; PhD 1970), Dr. Denford first came to this University in 1971. Also appointed to a three-year term was Gary Faulkner, who will take over the Chairmanship of Mechanical Engineering on 1 July. Twice an alumnus of this University (BSc 1963; MSc 1966), Dr. Denford obtained a PhD from the University of

California, Berkeley, before joining our faculty in 1969. The reappointment of Roger Ellis as Chairman of Dental Health Care was also announced. With three degrees from the University of Toronto to his credit (DDS 1956; DDPH 1968; MSc 1970), Dr. Denford came to this University in 1979 as Professor and Chairman of Dental Health Care. His reappointment to that position is for a further five years, beginning 1 July.

Further details of the Board's out-of-town meeting will appear in next week's *Folio*. □

## John Wright Appointed Dean of Library Science

The new Dean of the Faculty of Library Science is John Wright. The announcement was made at the 11 May meeting of the Board of Governors.

Professor Wright, whose five-year term begins 1 July 1984, currently holds a joint appointment in the Faculty of Education and the Faculty of Library Science. His initial appointment to this University occurred in 1968.

A native of Star City, Saskatchewan, he studied at the University of Saskatchewan (BED 1952), and Columbia University (MS 1957; Doctoral Studies 1972-73). His expertise in library education lies in children's literature, young adult literature, learning materials, and the library and society. He has worked as both a teacher and librarian in Saskatchewan.

His stature as a prominent leader in school librarianship was recognized in 1967 by his election as Chairman of the Canadian School Library Association and membership in the Council of the Canadian Library Association.

Among his 32 publications are "School Librarianship in Western Canada: A Decade of Professional Growth," "Introducing the West Indies to Canadian Schools," and "School Library Networking in Alberta: a Preliminary Study."

He has also been active in many



John Wright

research and consulting activities associated with libraries and school boards. His professional memberships include the International Association

of School Librarians; the Canadian Library Association; the Canadian School Library Association; the American Library Association; and the Committee on Accreditation Visiting Teams, American Library Association. Institutions connected with the latter include the University of Toronto (1974), Dalhousie University (1975), and the University of Denver (1980).

Professor Wright was President and Founding Member of the Saskatchewan Association of School Media Specialists, 1960-61, and President of the Library Association of Alberta, 1970-71.

He has also been involved with the AAS:UA Council, the Vice-President's Committee on the International Year of the Child, and a number of Library Science committees. □

## Food Science Undergraduate Wins National Award

Diedre Aldcorn, a graduating BSc Agriculture (Food Science Specialization) student, has been awarded the prestigious Givaudan Centennial Award by the Canadian Institute of Food Science and Technology. The Award is based upon a national written examination of

graduating food science student representatives from the six Canadian university food science departments.

The Award includes a \$1,000 cash prize and a trip to the National Conference of the Canadian Institute of Food Science and Technology in Vancouver. □

# Characteristics of Part-Time Undergraduate Students

The Office of Institutional Research and Planning (IRP) has conducted over the last five years a series of surveys of characteristics of students at the University of Alberta. This initiative was undertaken in recognition of the fact that the University had little information about many important aspects of its students. The first survey studied some general characteristics of full-time undergraduate students in 1979-80 (reported in *Folio*, 29 January 1981). In 1980-81, the graduate students, both full- and part-time, were surveyed (*Folio*, 10 March 1983). These surveys resulted in the acquisition of detailed information about the students, and helped address particular concerns of administrators, students and interested faculty members. Recently, IRP finished a survey of part-time undergraduate students, thereby completing an initial round of surveys.

The proportion of undergraduates who are studying part-time has increased dramatically in Canada in recent years. In 1970-71, part-time students comprised 13 percent of the total undergraduate student population. By 1981-82, the proportion had risen to 38 percent (derived from statistics presented in Table 3.4, *Compendium of University Statistics*, Research and Analysis Division, Association of Universities and Colleges of Canada, 1983). Such rising proportions have contributed to the prediction by Statistics Canada that the number of part-time degree students enrolled in Canadian universities may increase to the point that part-time university students could outnumber their full-time counterparts (*Part-time Degree Students: Tomorrow's Majority?*, Statistics Canada, 1982).

While the part-time undergraduates are not close to being a majority of the undergraduate population at the University of Alberta (13 percent in 1982-83), there were almost 3,000 such students in 1982-83. This was a sizable number of people whose characteristics were largely unknown. IRP studied this group of students in order that a broad base of information could be obtained.

## Procedure

The questionnaire used in this survey followed the format of those used in the full-time undergraduate and graduate surveys, with modifications being made to create a questionnaire suitable for the part-time students. An advisory committee of administrators, interested academics and students assisted in the design of the questionnaire which consisted of five sections: demographic information, academic information, finances and employment, accommodation and transportation, and campus life.

A random sample of 600 part-time undergraduate students was selected in February 1983 from the Cumulative Academic Record System (CARS) data bases. The population from which the sample was drawn consisted of 2,865 Winter Session students, registered in all Faculties (except Dentistry, Graduate Studies, Law and Medicine), who were taking fewer than three half-courses in the Second Term. Students were instructed in a covering letter to return the questionnaire and a post card (the latter bearing the student's I.D. number) as *separate* pieces of mail thereby guaranteeing that responses would be anonymous while allowing identification of non-respondents for follow-up purposes. Students who had not returned a post card within three weeks were sent a follow-up letter and a different post card. A further attempt to elicit participation was made by telephone three weeks after the mail follow-up. Usable returns were received from 384 respondents (64 percent of the total number sent).

## Findings

Of the respondents to this survey, 62 percent were female, 93 percent were Canadian citizens, 32 percent were in the Faculty of Arts, 28 percent in the Faculty of Education, and 55 percent were married. Nearly a third (31 percent) possessed a university degree, with an additional 12 percent having some post-graduate university education, and 4 percent having earned a post-graduate degree. Most of the students (70 percent) felt that it

was desirable to be able to obtain a University of Alberta degree solely on a part-time basis.

The employment status of the respondents is shown in Table 1. Most were employed, with the majority (66 percent) being employed full-time outside the University. Some of the respondents gave more than one answer for the employment question (e.g., employed full- and part-time outside the University), so the percentages reported add up to more than 100 percent.

Table 1

Current Employment Status		
Status	% Frequency of Total	n
Employed full-time by U of A	8.8	29
Employed part-time by U of A	4.3	14
Employed full-time outside U of A	66.2	229
Employed part-time outside U of A	18.7	62
Unemployed, actively seeking work	4.1	13
Retired, not seeking work	2.5	8
Not employed, not seeking work	9.8	31
Homemaker, no employment income	11.9	38

Students were asked to indicate the importance of various reasons for their registration as part-time students. Responses to this question are presented in Table 2. Wishing to continue working while upgrading qualifications within one's profession was the most frequent "very important" reason (48 percent). Financial considerations (36 percent) and courses being taken for general interest (32 percent) were also very important.

Students' satisfaction with the range of courses available for part-time studies and preferred scheduling and times to begin classes were also investigated. Most of the respondents (69 percent) felt that there was a moderate to wide selection of courses available. Many of the students

Table 2

## Importance of Reasons for Part-time Registration

Reasons	% Frequency of Total Number of Respondents		
	Some-what Impor- tant	Very Impor- tant	n
Need course to finish U of A program	6.8	15.6	86
Need course for professional certificate	4.9	9.4	55
Full-time load too heavy	12.0	29.2	158
Full load interferes with family	13.0	27.3	155
Work firm wants courses taken	13.0	6.5	75
Upgrade qualifications while working	14.6	47.7	239
Cannot afford full-time	16.7	35.9	202
Courses taken for own interest	24.7	32.3	219
For use of Phys. Ed. facilities	9.1	2.9	46

preferred to schedule their classes to involve the fewest number of days. Classes held in a "block" of three hours on any weekday were the most preferred (by 54 percent of all respondents; by 62 percent of students employed full-time; and by 48 percent of those working part-time). Tuesday/Thursday classes of 1.5 hours duration were the second most preferred (by 24 percent over-all). The preferred time of day at which to begin classes was associated with the employment status of the student. Those respondents who were employed full-time tended to prefer beginning their classes at 6 p.m. on a weeknight (53 percent), with some indicating that even this time was difficult to manage and that 7 p.m. was more convenient. Those working part-time were more amenable to day-time classes (50 percent).

The questionnaire contained 40 questions which resulted in the use of 167 variables in the analyses. Only a few of these variables have been



presented above as examples of some of the information available. The complete report of all the results of this survey has been distributed to various administrators, including most Deans, and other concerned parties, both on and off campus.

### Future Studies

Now that comprehensive studies of the three main groups of students have been completed, future IRP studies will focus upon more specific matters involving fewer variables. The Vice-Presidents have approved an IRP proposal that in 1984-85 a study be conducted of the opinions of a sample of first-years students concerning their transition from senior high school to university.\*□

*\*This article was submitted by Wendy Bryan and E.A. Holdaway, Office of Institutional Research and Planning.*

## Nuclear Winter the Focus of Public Lecture

Ian Carr, Professor of Pathology at the University of Manitoba and President of Physicians for Social Responsibility (Canada), will speak at the University next week. His public lecture, "Nuclear Winter: Sense and Nonsense," is being jointly sponsored by PSR, UNDO (University Nuclear Disarmament Organization) and ENNUF (Edmontonians for a Non-Nuclear Future).

A delegate to the 2nd International Conference on the Prevention of Nuclear War, Dr. Carr is well known for his commitment to nuclear disarmament. Nuclear winter, a scenario recently put forward by a team of scientists including Carl Sagan, Paul Ehrlich, and R.P. Turco, focusses on the global effects of a major nuclear war. Documented studies have recently shown that the long-term biological consequences of such a war would be more catastrophic than the initial exchange itself. Dr. Carr will speak to this subject at his public lecture Friday, 25 May, in L-11, Tory Lecture Theatre at 8 p.m. The lecture is free and the public is encouraged to attend.□

## Ivan Lysiak-Rudnytsky, 1919 - 1984

Ivan Lysiak-Rudnytsky, Professor of History and one of the great Ukrainian scholars of our time, died of a heart attack on 25 April 1984.

Professor Rudnytsky was born in Vienna shortly after the break-up of the Habsburg Empire, completed his schooling in Lviv (then a city in Poland), and subsequently studied history, law and international relations at Lviv, Berlin, Prague, Geneva, and Columbia University in New York City. After teaching at a number of American institutions, Dr. Rudnytsky came to the University of Alberta in 1971 and quickly built up a flourishing program of courses in Ukrainian and east-central European history. His lectures and seminars were highly popular among graduate and undergraduate students alike, who particularly appreciated his broad range of knowledge, his great wisdom, and his gentle humor.

Professor Rudnytsky's work has had a profound influence on modern Ukrainian historiography. He wrote or edited a large number of papers, articles, and reviews on various aspects of east-European history. His essays on "The Role of the Ukraine in Modern History" and "The Ukraine between East and West" mapped out the contours of the political and

intellectual development of the Ukrainian people. These essays are included in an early collection of his works, entitled *Mizh istorieiu i politykoiu* (Between History and Politics), a book which every historian of the Ukraine has read. Dr. Rudnytsky also wrote pathbreaking essays on the periodization of Ukrainian history and the relations of Ukrainians with their neighbors—Russians, Poles, and Jews. His paper on "The Ukrainians in Galicia under Austrian Rule," first published in 1967, was recently reprinted in revised and expanded form, in a volume put out by the Harvard Ukrainian Research Institute, an institution with which he had a long and fruitful association over many years.

With Professor Rudnytsky, the University of Alberta has lost one of its finest teacher-scholars who did so much to break down the walls of narrow parochialism. He will be sorely missed by both his colleagues and students.

Professor Rudnytsky is survived by his wife Alexandra, a son Peter of New York City, a daughter, Elizabeth Roslosnik, and two grandchildren, of Eureka, California.□



One facet of the recent "Alberta Conference on Women in Science, Engineering and Technology" was a Career Fair which supplied information to potential university students. These participants check out a display coordinated by the Department of Zoology.

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## Centres of Specialization the Target of Federal Fund

A specialized fund intended to increase Canada's over-all research and training capacity has been established by the federal government. The \$25 million fund, to be administered by the Department of the Secretary of State, will help universities establish or expand centres of specialization in areas of national importance.

According to the Hon. Serge Joyal, Secretary of State, the fund is intended to complement the programs of federal research councils. It will pay special attention to proposals in applied, interdisciplinary research that call on the combined resources of governments, universities and industry. Multidisciplinary initiatives, networking among institutions, and activities linking the academic community to the private and public sectors will be encouraged.

Financial support available through the fund is earmarked for the endowment of chairs of study (on a matching grant basis), capital costs (construction or major equipment purchase), and operating costs associated with the establishment or expansion of the centre in question.

University of Alberta response to the new fund has been swift and positive. In a joint letter from J. Gordin Kaplan, Vice-President (Research), and R. George Baldwin, Vice-President (Academic), selected Deans and Directors in the health sciences have been urged to put forward proposals for consideration. The "desperately early" deadline (30 June) is cited by Dr. Baldwin as the reason for the decision to concentrate canvassing in one area. "Although areas of activity eligible for support are open, there is a bias in the direction of the health sciences," he reports. And, since universities wishing to submit more than one proposal have been asked to rank them in order of priority, Drs. Kaplan and Baldwin felt that a narrower focus would be a more workable one.

A key component of the new fund is a requirement that "recipient institutions will be responsible for obtaining funding from other sources for continued operation in subsequent years." According to Dr. Baldwin,

early indications are that the Alberta government views the fund favorably. "Provincial interest in both the fund and the proposals before it is important," he says. Applicants are being cautioned that no money will be allocated to activities that, in future years, "would place an undue burden on an institution's budget and indirectly on that of the province without the prior agreement of the provincial government."

Proposals submitted by the University community will be assessed by Vice-Presidents Kaplan and Baldwin, after "extensive consultation," and will be placed in order of priority. □

## Sir Arnold Burgen to Visit Campus

Sir Arnold Burgen, Professor of Medicine at Cambridge University and Foreign Secretary of the Royal Society of London, will be a guest of our University next week. His visit to Canada is jointly sponsored by the Royal Society of London and the Royal Society of Canada. During his two weeks in our country, Sir Arnold will lecture at the Universities of British Columbia, Alberta, Toronto and McGill. He will also address the Annual Meeting of the Royal Society of Canada.

Sir Arnold is the first representative of Great Britain to take part in a visiting lecture program established by the Royal Societies of London and Canada in 1982. Charles Scriver, Professor of Medicine at McGill University, was the first Canadian to take part in the exchange lectures which provide for a guest lecture series in England and Canada in alternate years.

Sir Arnold Burgen is a graduate of London University, a member of the College of Physicians of London, a Fellow of the Royal Society of London, and Master of Darwin College, Cambridge University. Knighted in 1976, he was elected Foreign Secretary of the Royal Society of London in 1981.

"Conformation and Selectivity of Receptors" is the title of the public lecture that Sir Arnold will present at 4 p.m. Tuesday, 22 May. The lecture will take place in 227 Medical Sciences Building; the public is welcome to attend. □

## people

S. Vinh (History) presented a paper entitled "The Meiji-Six-Society and the Japanese Enlightenment" at the sixth German Conference of Japanologists, Cologne, 12 to 14 April 1984.

Pierre Bokor (Faculté Saint-Jean) has been honored by the Concours National De L'Acte De Metz in France. His play "Amoor" has been selected by the Centre Des Spectacles De Villefranche Sur Saone and will be presented as a world premiere at the Theatre Municipal De Metz in France next September under the direction of Jaromir Knittl.

The editorial board of *Physiotherapy Canada* has awarded the Silver Quill Award to Keith Bagnall (Anatomy) and six co-authors, D. Ford (Physical Therapy), D. Secord (Surgery), K. McFaden (Anatomy), B. Greenhill (Surgery and Royal Alexandra Hospital), J. Raso (Glenrose Hospital) and J. Draganiuk (Physical Education). The award, to be presented in Ottawa in mid-June, is given annually by the Canadian Physiotherapy Association for excellence in scientific writing.

Claude Kenneson (Music) has been invited by Mstislav Rostropovich, President of the American Cello Congress, to speak at the June convention of that organization in Tempe, Arizona. In a joint session with the Los Angeles Cello Quartet, Professor Kenneson will discuss his book *A Bibliography of Cello Ensemble Music* (No. 31 in the series *Detroit Studies in Music Bibliography*). In August he will appear as cellist in an ensemble conducted by Christopher Hogwood at Lake Tahoe in a festive performance of the theatre music of Henry Purcell.

Jim Hackler (Sociology) was one of the keynote speakers at the Family Court Clinic Conference, in Ottawa, 2

to 4 May. His topic at the plenary session was "The Social Construction of the Delinquency Problem Across Canada." He also introduced one of the workshops with a paper entitled "The Grand Cure for Delinquency, Crime, Sins, and all other Nasties."

G. Kallianpur, University of North Carolina at Chapel Hill, delivered the following lectures in the Department of Statistics and Applied Probability, 30 April and 1 and 2 May: "Some recent developments in filtering theory," "Feynman integral on abstract Wiener space," and "Stochastic differential equation models for behaviour of neurons."

P. Krishnan and N. Lal (Sociology) jointly organized and were chairmen of a workshop on India's population at the Annual Meetings of the Population Association of America, in Minneapolis, 3 to 5 May. The workshop consisted of an invited papers session of two and a contributed papers session of five papers. University of Alberta researchers contributed three papers. Professor Krishnan presented a preliminary report on the historical demography of the Sikh population of India. Graduate students Shaffiq Islam, J. Jayachandran and Ed Ng contributed papers to the workshop. The titles were "A stochastic model of urbanization in India and selected Indian States" and "Internal migration in India, 1961-1971: results from a stochastic analysis."

## service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

## Coming Events

### Lectures and Seminars

#### Medicine

18 May, 8 a.m. R. Rossali and J. Burton, "Coronary Angioplasty." 2-115 Clinical Sciences Building.

22 May, 9 a.m. T. Ward, R. Honore, H. Pabst, A. Jones and L. Storoz, "Clinical Pathologic Conference." 2-115 Clinical Sciences Building.

23 May, 8 a.m. W. Tymchuk, "Pericarditis." 6-103 Clinical Sciences Building.

25 May, 8 a.m. Ian Carr, President of Physicians for Social Responsibility, University of Manitoba, "Nuclear Winter—The Threat and Promise." 2-115 Clinical Sciences Building.

### Botany

18 May, 2 p.m. Hugh Dale, University of Guelph, "Factors Influencing the Depth Distribution of Aquatic Macrophytes." M-145 Biological Sciences Building.

### Anatomy

22 May, 4 p.m. R.J. Blandau, University of Seattle, Washington, "Reproduction and Population Control." 628 Medical Sciences Building.

24 May, 4 p.m. Dr. Blandau, "Gamete Transport in the Mammal to Effect Fertilization." 628 Medical Sciences Building. (Dr. Blandau's visit is sponsored by the Alberta Heritage Foundation for Medical Research.)

### Pediatrics

29 May, 9 a.m. M.A. Jaworski, "Current Perspectives on the Immunology of Insulin-Dependent Diabetes Mellitus." 2-115 Clinical Sciences Building.

## Exhibitions

### Ring House Gallery

Until 25 May. MVA Thesis Exhibition.

## Matters of Faith

### St. Joseph's College

Mass conducted daily at 7:30 a.m. and 12:30 p.m.; Saturday at 12:30 and 4:30 p.m.; Sunday at 9:30 and 11 a.m.

## Radio and Television

### Television

Programs broadcast on ETV Q-9 and C-13.  
23 May, 8 p.m. Images of Alberta, hosted by Kanhaya Gupta. Guest: Henry Kreisel.

## Theatre

### Studio Theatre

Until 19 May. "A Streetcar Named Desire." For further information or tickets, call 432-2495.

### SUB Theatre

17 May, 8 p.m. The Edmonton Folk Music Festival presents Connie Kaldor. For more information, call 433-4763.

19 May, 6:30 p.m. Casey's Dance Centre presents its Year End Performance. Tickets (\$5) available from the studio, 463-2105.

20 May, 2 p.m. Edmonton's Croatian Folklore Group will host the 10th Annual Canadian Croatian Folklore Festival. Tickets available at the Croatian Center, 423-6897.

## Non-Credit Courses

### Computing Services

#### MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)  
AJ510 Operation and Visual Editing  
MTS Overview (Prerequisite)

#### TEXTFORM

Introduction to Text Formatting (Prerequisite)

#### SPIRES

Introduction to SPIRES (Prerequisite)  
Advanced SPIRES

#### Graphics

Introduction to Plotting  
Integrated Graphics Overview

#### Statistics

Data Preparation for Statistical Packages (Prerequisite)  
Introduction to SPSSx  
SPSSx Conversion  
Introduction to BMDP  
Introduction to MIDAS  
Introduction to MINITAB  
Introduction to TROLL

#### Microcomputers

Introduction to the IBM PC  
The above courses are offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in person at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

#### Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.  
Advanced Text Formatting  
Courier Operation and Visual Editing  
Introduction to Programming  
Introduction to Typesetting  
Introduction to APL  
Introduction to the Array Processor  
Introduction to APAL  
Introduction to Clustan  
Introduction to TSP  
Introduction to Osiris  
For more information on any of the courses listed above, telephone the Training Assistant at 432-2511, between 8:30 and noon, weekdays.

## Extension

### Applied Behavioral Sciences Division

For further information on the courses listed below, telephone 432-5069.  
The Eclectic Counsellor  
Accessing Your Personal Power

#### Educational Travel

For further information on the courses listed below, telephone 432-3037 or 432-5038.  
Queen Charlotte Ecological Hiking Trip  
West Coast Safari Sailing Trip

### Visual Arts

For further information on the courses listed below, telephone 432-3034 or 432-3116.  
Spring Landscape '84—Canmore  
Nature Photography  
Travel Photography Workshop  
Handbuilding with Porcelain Clay (Intermediate/Advanced)  
Raku Workshop (Intermediate/Advanced)

### Dentistry

For further information on the courses listed below, call 432-5023.  
Root Planning, Current Concept in Clinical Practice for Dentists/Hygienists (4069  
Dentistry/Pharmacy Centre)—24 to 26 May.

## Notices

### Willard Allen Retirement Function

Willard Allen, Associate Vice-President (Finance and Administration) is retiring from the University. To mark Dr. Allen's 36 years of service, an informal reception will be held at University House, 14 June, from 3:30 to 6 p.m.

People wishing to contribute to a retirement gift for Dr. and Mrs. Allen are invited to send cheques, payable to the Willard Allen Retirement Fund, to D.C. Norwood, 3-12 University Hall, prior to 7 June.

### Ron Phillips to Retire

Ron Phillips, Vice-President (Facilities and Services) since 1975, will retire from the University after 42 years of service. An informal reception to honor Mr. Phillips will take place Friday, 8 June, from 2:30 to 5 p.m. in the Banquet Room, Lister Hall.

All members of staff and all friends and acquaintances of Mr. and Mrs. Phillips are invited to attend the reception to wish them farewell.

Persons wishing to make donations toward a retirement gift for the couple are invited to send cheques, payable to the Ron Phillips Retirement Fund, to A.M. Rennie, 1-3 University Hall, before 31 May.

### Vacancies Exist on Gerontology Board

The Centre for Gerontology invites applications from interested individuals to fill vacancies on its Board from 1 July 1984. Initial appointments will be for one, two or three years. Selection will be made with due regard to representation from Faculties and the community and all appointments are to be confirmed by the Vice-President (Research).

Letters of application together with curriculum vitae should be addressed to: Dr. T.M. Nelson, Chairman, Centre for Gerontology, 6-12 Humanities Centre, University of Alberta, Edmonton, Alberta T6G 2E5. The cutoff date is 4 June 1984.

### Donation Pending

Three 440 mCi Co-60, double encapsulated sources complete with sintered tungsten cameras will be donated to the University by A.M.F. Tuboscope Inc., if anyone can make use of them. For further information, call Colin Welch, Radiation Safety Technician, 432-5655.

## Scholarships, Fellowships and Awards

### Leukemia Society of America

The Leukemia Society of America, a national voluntary agency, is accepting applications for 1985 grants to support research in the fields of leukemia and related diseases. The grants are intended to encourage studies at both the basic science and clinical levels.

As an important source of funding for individuals whose work is concentrated on finding the cause or causes and eventual cure for leukemia, lymphomas, Hodgkin's disease and multiple myeloma, the Society offers three awards.

Five-year scholarships for a total of \$135,000 are available for researchers who have demonstrated their ability to conduct original investigations in the specified fields. Two-year special fellowships and fellowships, for \$41,000 and \$34,000, respectively, are offered for those in the intermediate and entry states of career development.

In all categories, candidates may not have attained the tenured status of associate professor. Awards will not be made for pre-doctoral training.

*Deadline for filing applications is 1 September 1984.* Only one application in each grant category from an individual sponsor will be considered. Project proposals will be evaluated on a competitive basis by the Society's medical and scientific advisory committee next January with funding to start 1 July 1985.

*For applications forms and further information,* write to Research Grant Program, Leukemia Society of America, 800 Second Avenue, New York, New York 10017, or the Office of Scientific Affairs, Dean of Medicine's Office, 13-116 Clinical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2G3.

### Sandra Garvie Memorial Fund

*Value:* Up to \$1,500. *Number:* At the discretion of the Board of Directors. *Frequency:* Annual. *Purpose:* To provide funding to any individual wishing to pursue a course of study or research relating to the Library or information aspects of public legal education. *Conditions:* (1) Applicants must be Canadian citizens or landed immigrants; (2) Awards will be based upon financial need and suitability of the proposed course of study or research; (3) Awards made from the Sandra Garvie Memorial Fund do not exclude application for funds from other sources. Applicants may consider the Sandra Garvie Memorial Fund as a source of funds for a portion of a larger project for which the applicant has applied or received funding from other sources; (4) Awards will not normally be applicable to capital expenditures; (5) Awards for a course of study will be tenable at any post-secondary institution in Canada recognized by the Board as suitable for the pursuit of the proposed study; (6) No awards will be granted if no suitable candidates apply; (7) All decisions concerning the granting of awards will be at the total discretion of the Board of Directors. *Donor:* From a trust fund created in honor of the late Sandra Garvie. *Apply:* Applicants are requested to submit a research proposal, or proposed course of study, including a budget proposal, by 30 June 1984 to: Sandra Garvie Memorial Fund, c/o Lois E. Gander, Director, Legal Resource Centre, 10049 81 Avenue, Edmonton, Alberta T6E 1W7.

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## Positions Vacant

*The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residences.*

### Dean, Faculty of Rehabilitation Medicine

An advisory committee is searching for a Dean. PhD preferred. Suggestions of possible candidates and assessments of the leadership needs of the Faculty are invited. The appointment will take effect 1 January 1985 or as soon thereafter as a candidate selected by the search committee and approved by the Board of Governors is available.

Nominations or applications for the position, accompanied in the latter case by a detailed résumé of qualifications and experience and the names of three referees, should be submitted by 1 September 1984 to: The Vice-President (Academic), University of Alberta, 3-5 University Hall, Edmonton, Alberta T6G 2J9.

### Statistics and Applied Probability

The Department of Statistics and Applied Probability invites applications for two positions at the Assistant Professor level.

1. A limited term (8 months) position in any area of statistics or probability, effective 1 September 1984. The appointment will be made subject to funds being available. Closing date: 15 August 1984.

2. A tenure-track appointment in any area of statistics or probability, effective 1 July 1985. Rank: Assistant Professor; Salary range: \$29,720 to \$41,820 per annum. Closing date: 1 December 1984.

Interested individuals should send a curriculum vitae to: Dr. J.R. McGregor, Department of Statistics and Applied Probability, University of Alberta, Edmonton, Alberta T6G 2G1.

## Non-Academic Positions

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 11 May 1984. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.*

Clerk Typist II (Part-time) (\$813-\$973) Medical Laboratory Science  
Clerk Typist II (\$1,161-\$1,390) Student Awards Purchasing Clerk (\$1,294-\$1,561) Physical Plant  
\*Clerk Steno III (\$1,294-\$1,561) Business  
\*Clerk Typist III (\$1,294-\$1,561) Physical Therapy  
Clerk Typist III (\$1,294-\$1,561) Registrar's Office  
\*Systems Control Clerk I (\$1,338-\$1,625) Technical Services  
Medical Steno (Part-time, Trust) (\$721-\$883) Pediatrics  
\*Administrative Clerk (\$1,442-\$1,766) Extension Secretary (Trust) (\$1,442-\$1,766) Biochemistry  
\*Secretary (\$1,442-\$1,766) Recreation and Leisure Studies

Secretary (\$1,442-\$1,766) Botany  
\*Secretary (\$1,442-\$1,766) Extension  
Technician I (Part-Time, Trust) (\$749-\$921) Anatomy  
Animal Technician I/II (Trust) (\$1,497-\$2,092) Pediatrics  
Electronics Technician I (\$1,561-\$1,920) Instructional Technology Centre  
Technologist I (Trust) (\$1,697-\$2,092) Pathology  
Biochemistry Technologist I (Trust) (\$1,697-\$2,092) Cancer Research Group  
Biology Technologist I (Trust) (\$1,697-\$2,092) Zoology  
Administrative Assistant I (\$1,842-\$2,280) Extension  
Technician III (Trust) (\$1,920-\$2,378) Dentistry  
Biochemistry Technologist III (\$2,182-\$2,710) Occupational Health and Safety  
Helium Liquifier Technician (Trust) (\$2,182-\$2,710) Physics  
Plant Operator II (\$2,280-\$2,834) Physical Plant  
Electronics Technician IV (\$2,280-\$2,834) Computing Science  
Nurse Practitioner (Trust) (\$2,486-\$3,099) Pediatrics

*\*In accordance with current Hiring Freeze policy, applications for these positions are restricted to current non-academic staff for a period of 10 working days.  
For vacant library positions, please contact the Library Personnel Office, Basement, Cameron Library. Telephone 432-3339.*

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## Advertisements

*Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.*

### Accommodations available

Rent - Three-bedroom bungalow, two-car garage, fenced lot, all appliances. Available 1 July 1984 to 30 June 1985. Reasonable rent. Call 462-4186 evenings.  
Sale - 1,362', luxury condominium. 87 Ave., block east of University. Dramatic panorama of city. Two bedrooms, two bathrooms, den, storage, laundry rooms, six appliances, underground parking. \$118,000, owner. Evenings, 432-1950.  
Rent - Bungalow, Belgravia, 1 June, \$650. 487-3053.  
Sale - By owner. Renovated, two-storey, two-bedroom house. Hardwood floors throughout. Enormous kitchen. Artist's studio in basement, rentable as suite, separate entrance. Near Whyte, walk to University. \$85,000. 439-6528.  
Rent - Lavish condo. Breathtaking, gracious, private, one unit only. One-year lease. Professionally decorated. Call Western Relocation, 438-1044, 435-8537.  
Rent - July, August. Three-bedroom home. Greenfield. \$400/month. 434-9635.  
Rent - Six weeks, 1 July-12 August. Attractive, bi-level, Petrolia. Responsible couple. Negotiable. 437-0093.  
For rent - Belgravia house. 1 July to 15 August. Four bedrooms, furnished, lovely yard. 437-2660.

Rent - Three-bedroom home. Rio Terrace. September/December 1984 to August 1985. 432-3467, 486-5399.  
Sale - Log house, suitable for acreage, lake lot 1,000 sq. ft. 1 1/2-storeys. \$12,500. 469-8413.  
Rent - Neat, three-bedroom, semibungalow, five appliances. Five-minute drive to University. Two-year lease available. Non-smokers. \$650. 455-2947. 1 July.  
For sale - South Garneau. Two bedrooms plus den condo. \$99,500, by owner. 439-9526. Open house, Sunday, 1-4 p.m. 11115 80 Ave. Ring #11.  
Sale - Two blocks to campus. Large, one-bedroom condo. Five appliances, A/C underground parking. 11011 86 Ave. Excellent value at \$62,000. 433-3479 evenings.  
For rent - House, from 1 July, \$600/month, 11123 75 Ave. Ten blocks to University. Three bedrooms. Phone 434-5954 evenings.  
Sale - Grandview, University. Four bedrooms. 437-7299 evenings.  
Private sale - Three bedrooms, fully developed basement, double garage. Worth seeing. \$96,000. Lendrum area. Phone 436-0876 evenings.  
Sale - South Garneau, walking distance University, theatre, restaurants. Two-bedroom, cottage-style bungalow. Excellent condition. \$67,900 (\$5,000 below appraisal). Owner moving, get a bargain! Dorothy, 437-7480, 434-0332. A.E. LePage.  
Sale - Build your dream home in the country, Spruce Grove, 10 acres. Resi Richter, 483-9432, 455-4181. A.E. LePage.  
Sale - Executive, two-storey, custom-built, five bedrooms, dream kitchen, family room, four fireplaces, four baths, many extras. Exclusive viewing through Resi Richter, 483-9432, 455-4181. A.E. LePage.  
Sale - Inglewood. Reduced \$67,500. Charming, two-bedroom bungalow. Vendor anxious. Resi Richter, 483-9432, 455-4181. A.E. LePage.  
Rent - Walk to University, four bedrooms. \$750. 1 July. 483-9432.  
Sale - Three acre, acreage. North of Spruce Grove. Asking \$29,500. Offers accepted. Phone 462-5825.  
For rent - Home, Saskatchewan Drive, three bedrooms, furnished. 428-0560, 439-3833.  
Rent - Cottage, Jasper, June, August. 439-2876.  
Private sale - Renovated, storey-and-half with character. Access to University. \$74,900. 433-1724.  
Rent - Furnished, recently renovated, three-bedroom home, extra bedroom downstairs, large rumpus room, fireplace, large treed lot. Sept. 1984-May 1985. References. 436-5703.  
Rent - Aspen Gardens. Four bedrooms, den, family room, backs on ravine with 80' wide lot. 2,200', furnished, available 1 August for 12 months. 435-6828 (res.), 432-3440 (bus.).  
Sale - Parkallen. Four-bedroom, quiet street, walking distance to University. 438-0222, 432-3532.  
Sale - New listing in Belgravia. Attractive home in quiet crescent. 1,400 sq. ft. plus. Features, four bedrooms, four bathrooms, two fireplaces. Double garage. Owner transferred. Call Chris Tenove, 433-5664, 436-5250. Spencer's.  
Sale - University special. Windsor Park. Three-bedroom bungalow, only \$114,900. Fieldstone fireplace. Front, drive garage. Large, attractive, sunny, south yard. Owner transferred. Call Chris Tenove, 433-5664, 436-5250. Spencer's.  
Rent - Office space, University area. Large, bright space on main floor. Quiet high-rise, suitable for professional use. Three offices, reception and kitchenette area. Parking facilities, near bus stop. 433-1676.  
Sale - Ottewell. 1,500', three-bedroom bungalow. Family room, fireplace, sun deck, finished basement, one bedroom, two baths, double garage. Owner. 469-5764.

### Accommodations wanted

Family, two children, seeking accommodations, mid-August 1984, for negotiable period of time. Non-smokers. Must be near University and elementary, immersion schools. 1-403-791-0946.  
Visiting professor and wife need furnished accommodation within walking distance of University, for August only. Call Bergen, 432-2734 or 433-0876.

### Goods for sale

Antique furniture for sale, including rollout desk, dresser, rocker. 437-2660.  
Books bought and sold - The Edmonton Book Store in HUB Mall will pay cash for book collections and individual, rare items. Appraisals available. Open seven days a week. 433-1781.  
Air ticket to Toronto, \$99, female, 12 June. Call 432-5805 or 436-0903.

### Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.  
Singing teacher, Eileen Turner, 439-4661.  
Academic staff: Supplementary healthcare reimburses treatment costs for backaches, stress tension at Back Basic Therapy. Maria Krieg, university-trained in Düsseldorf, offers: Heat, massages, chirogymnastics, interferential electrotherapy. 436-8059. 11627 75 Ave.  
Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.  
Help needed from parents of students in Edmonton Public, French Immersion classes. Be your school representative. Call Dr. Frances Harley, 432-6631 or 452-2615 after 7 p.m.  
Barbar's Bilingual (English/French) Children's Centre is taking registration for September 1984 kindergarten and pre-kindergarten classes. We provide a unique and comprehensive program in a nurturing atmosphere. 10345 144 St. Call 455-5710.  
Ecole Grandin offers Catholic education and strong French immersion program with academic emphasis in downtown area. Also: After school care, French immersion, pre-kindergarten. Phone 482-3676.  
Professional, medical typist - theses, reports for publication, manuscripts. Judy, 456-2701.  
Quaker worship, Sundays, 11 a.m. Soroptimist Room, YWCA. 100 Ave. 103 St.  
Professional dressmaking and alterations. 438-2747.

## COLD SORES!

Do you suffer from recurring cold sores?  
Would you like to participate in a CONFIDENTIAL, controlled study by a University of Alberta research team investigating a promising anti-viral medication?

**For more information, call Sheri or Joanne at 432-2691.**